

**WHAT IS CLAIMED IS:**

1  
2 1. A structure of a scanner capable of adjusting lightness of a line to  
3 be scanned, comprising:

4 a chassis;

5 a light base on which a light tube is mounted, the light base being  
6 mounted above the chassis; and

7 at least one adjusting device mounted between the chassis and the  
8 light base for driving the light base to change a relative distance between the  
9 light tube and a line to be scanned on a document to be scanned.

10 2. The structure of a scanner capable of adjusting lightness of a line  
11 to be scanned in accordance with claim 1, wherein the adjusting device  
12 includes two opposite electromagnetic members respectively mounted on the  
13 light base and the chassis, by changing the direction of the current passing  
14 through the relative electromagnetic members, the opposite electromagnetic  
15 members produce an attractive force or a repellent force, such that the light  
16 base is adjacent to or away from the chassis.

17 3. The structure of a scanner capable of adjusting lightness of a line  
18 to be scanned in accordance with claim 1, wherein the adjusting device  
19 includes two electromagnetic members co-operating with a swing arm having  
20 an elastic action, wherein the electromagnetic members are respectively  
21 mounted on the light base and the chassis, and the swing arm has one end  
22 mounted on the chassis, and the other end mounted on the light base.

23 4. The structure of a scanner capable of adjusting lightness of a line  
24 to be scanned in accordance with claim 1, wherein the adjusting device

1 includes an electromagnetic member and a magnetic material, co-operating  
2 with a swing arm having an elastic action, wherein the electromagnetic  
3 member and the magnetic material are respectively mounted on the light base  
4 and the chassis, and the swing arm has one end mounted on the chassis, and the  
5 other end mounted on the light base.

6           5. The structure of a scanner capable of adjusting lightness of a line  
7 to be scanned in accordance with claim 1, wherein the adjusting device is a  
8 cam.

9           6. The structure of a scanner capable of adjusting lightness of a line  
10 to be scanned in accordance with claim 1, wherein the chassis and the light  
11 base are respectively provided with a guide column and a guide hole, and the  
12 guide column is mounted in the guide hole.

13           7. The structure of a scanner capable of adjusting lightness of a line  
14 to be scanned in accordance with claim 1, wherein the chassis and the light  
15 base are respectively provided with a locking hook, and the locking hooks may  
16 be relatively locked with each other to limit detachment of the light base.